

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-22 (Canceled).

Claim 23 (Previously Presented): A recycling method of collecting used products or machines from the market, processing the collected machines to produce recycled machines as new products, and providing the recycled machines to the market, the recycling method comprising:

a classification step of classifying the collected machines according to a classifier information including a definition of a device for classifying the collected machines and a definition of classifications;

a fractionation step of fractionating the classified machines into materials and components according to a fractionator information including a definition of a device for fractionating the classified machines and a definition of a basic unit of fractionated materials and components;

a physical action step of applying a physical action to the fractionated materials and components according to a physical action information including a definition of a device for applying a physical action to the fractionated materials and components and a definition of a basic unit of materials and components applied physical action;

a recycled material production step of producing a recycled material from the recycled materials and components to which the physical action is applied at said physical action step, according to a recycled material producing information including a definition of a device for producing the recycled material and a definition of standard values of the recycled materials;

a recycled component production step of producing a recycled component from the materials produced by said recycled material production step, according to a recycled component producing information including a definition of a device for producing the recycled component and a definition of standard values of the recycled components; and

a recycle definition step of creating the classifier information, the fractionator information, the physical action information, the recycled material producing information and the recycled component producing information, and transferring each of the information to the classification step, the fractionation step, the physical action step, the recycled material production step and the recycled component production step, respectively.

Claim 24 (Currently Amended): A recycling method of collecting used products or machines from the market, processing the collected machines to produce recycled machines as new products, and providing the recycled machines to the market, the recycling method comprising:

a classification step of classifying the collected machines according to a classifier information;

a fractionation step of fractionating the classified machines into materials and components according to a fractionator information;

a physical action step of applying a physical action to the fractionated materials and components according to a physical action information;

a recycled material production step of producing a recycled material from the recycled materials and components to which the physical action is applied at said physical action step, according to a recycled material producing information;

a recycled component production step of producing a recycled component from the materials produced by said recycled material production step; and

a recycle definition step of creating the classifier information, the fractionator information, the physical action information, the recycled material producing information and the recycled component producing information, and transferring each of the information to the classification step, the fractionation step, the physical action step, the recycled material production step and the recycled component production step, respectively.

Claim 25 (Previously Presented): A recycling method of collecting used products or machines from the market, processing the collected machines to produce recycled machines as new products, and providing the recycled machines to the market, the recycling method comprising:

a fractionation step of fractionating the collected machines into materials and components according to a fractionator information;

a physical action step of applying a physical action to the fractionated materials and components according to a physical action information;

a recycled component production step of producing a recycled component from the fractionated materials and components to which the physical action is applied at said physical action step; and

a recycle definition step of creating the fractionator information, the physical action information and the recycled component producing information, and transferring each of the information to the fractionation step, the physical action step and the recycled component production step, respectively.